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3  
2874  
Attorney Docket No.: PI00-080

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bosso, et al

Serial No: 09/610,437

Filed: July 3, 2000

For: ELECTRO-OPTIC  
MODULATORS WITH  
INTERNAL IMPEDANCE  
MATCHING

Group Art Unit: 2874

Examiner:

#7/Power  
4/30/02  
C. Paris  
RECEIVED  
APR 16 2002  
TECHNOLOGY CENTER 2800

**REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF SUBSTITUTE POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Corning O.T.I., SpA is the owner of the above-identified patent application as evidenced by the attached Assignment from Pirelli Cavi E Sistemi S.P.A. to Optical Technologies Italia S.P.A., now known as Corning O.T.I. SpA hereby revokes all previous Powers of Attorney in the above case and hereby appoints power of attorney to Needle & Rosenberg, P.C. as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please send all future correspondence concerning this application to Jennifer P. Medlin at the following address:

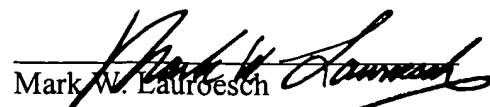
Customer Number 23859  
NEEDLE & ROSENBERG, P.C.  
Suite 1200, The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811

Date: April 11, 2002

Respectfully submitted,

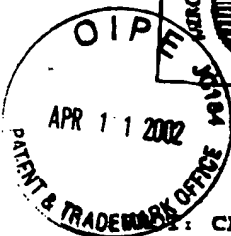
CORNING O.T.I. SpA

By:

  
Mark W. Lauroesch  
Assistant Secretary



CAMERA DI COMMERCIO  
INDUSTRIA ARTIGIANATO E AGRICOLTURA  
DI MILANO



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CER/106739/2001/EMI0229

11/09/2001

CAMERA DI COMMERCIO INDUSTRIA ARTIGIANATO AGRICOLTURA DI MILANO  
- UFFICIO REGISTRO DELLE IMPRESE -

**CERTIFICATO DI ISCRIZIONE NELLA SEZIONE ORDINARIA ABBREVIATO**

Codice fiscale e numero d'iscrizione: 03540780156  
del Registro delle Imprese di MILANO  
data di iscrizione: 19/02/1996

Iscritta nella sezione ORDINARIA

il 19/02/1996

Iscritta con il numero Repertorio Economico Amministrativo 958625 il 23/03/1977

Denominazione: CORNING O.T.I. S.P.A.

Forma giuridica: SOCIETA' PER AZIONI

Sede:

MILANO (MI) VIALE SARCA, 222 CAP 20125

Costituita con atto del 18/02/1977

Capitale Sociale in EURO	
deliberato	183.125.000,00
sottoscritto	183.125.000,00
versato	183.125.000,00

**ESTREMI DI ISCRIZIONE PRECEDENTI:**

Iscritta al Registro Ditte con il numero 958625

Iscritta al Registro Imprese con il numero MI46-173756

Il presente certificato riporta le notizie/dati iscritti nel Registro alla data odierna.

IMPOSTA DI BOLLO ASSOLTA IN MODO VIRTUALE - AUTORIZZAZIONE DELL'INTENDENZA  
DI FINANZA DI MILANO N.6743 DELL'11/9/1978

Riscosse per NR BOLLI	1	Lire	20.000 (**VENTIMILA**)
per DIRITTI		Lire	10.000 (**DIECIMILA**)
Totale		Lire	30.000 (**TRENTAMILA**)
Totale espresso in Euro	15,49		

DAGLI ATTI DELL'UFFICIO LA SUDETTA IMPRESA NON RISULTA IN STATO DI  
FALLIMENTO, CONCORDATO PREVENTIVO O DI AMMINISTRAZIONE CONTROLLATA.

P. IL CONSERVATORE DEL REGISTRO  
GIANFRANCESCO VANZELLI  
L'ADDETTO  
CLAUDIO VERGNAGHI

\*\*\* FINE CERTIFICATO \*\*\*

NOTIZIA STORICA- con atto in data 26/2/2001 venne modificata la denominazione da  
OPTICAL TECHNOLOGIES ITALIA S.P.A. in CORNING O.T.I. SPA

Postilla approvata

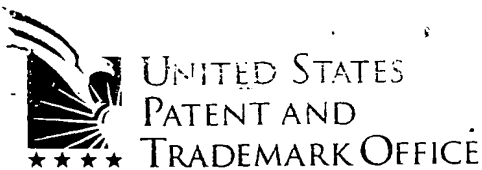
Milano 11/9/2001

CAMERA DI COMMERCIO INDUSTRIA  
ARTIGIANATO E AGRICOLTURA DI MILANO



P. IL CONSERVATORE

*[Signature]*  
CAMERA DI COMMERCIO INDUSTRIA  
ARTIGIANATO E AGRICOLTURA DI MILANO



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ORIGINALLY FILED

856 0799  
125/45

JANUARY 02, 2002

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
www.uspto.gov

PTAS  
FINNEGAN, HENDERSON, FARABOW, GARRETT  
& DUNNER, L.L.P.  
ERNEST F. CHAPMAN  
1300 I STREET, N.W.  
WASHINGTON, D.C. 20005-3315



\*101921331A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/06/2001

REEL/FRAME: 012134/0500  
NUMBER OF PAGES: 14

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PIRELLI CAVI E SISTEMI S.P.A.

DOC DATE: 08/29/2001

ASSIGNEE:

OPTICAL TECHNOLOGIES ITALIA S.P.A.  
VIALE SARCA 222  
20126 MILANO, ITALY

SERIAL NUMBER: 08018090  
PATENT NUMBER:

FILING DATE: 02/16/1993  
ISSUE DATE:

SERIAL NUMBER: 09324770  
PATENT NUMBER:

FILING DATE: 06/03/1999  
ISSUE DATE:

SERIAL NUMBER: 09612596  
PATENT NUMBER: 6264372

FILING DATE: 07/07/2000  
ISSUE DATE: 07/24/2001

SERIAL NUMBER: 09219421  
PATENT NUMBER:

FILING DATE: 12/23/1998  
ISSUE DATE:

RECEIVED

FINNEGAN, HENDERSON,  
FARABOW, GARRETT, DUNNER, L.L.P.

RECEIVED  
APR 16 2002  
TECHNOLOGY CENTER 2800

COPY OF PAPERS  
ORIGINALLY FILEDSERIAL NUMBER: 09283691  
PATENT NUMBER:FILING DATE: 04/02/1999  
ISSUE DATE:SERIAL NUMBER: 09324768  
PATENT NUMBER: 6282332FILING DATE: 06/03/1999  
ISSUE DATE: 08/28/2001SERIAL NUMBER: 09324769  
PATENT NUMBER:FILING DATE: 06/03/1999  
ISSUE DATE:SERIAL NUMBER: 09400275  
PATENT NUMBER:FILING DATE: 09/21/1999  
ISSUE DATE:SERIAL NUMBER: 09406922  
PATENT NUMBER:FILING DATE: 09/28/1999  
ISSUE DATE:SERIAL NUMBER: 09465798  
PATENT NUMBER:FILING DATE: 12/17/1999  
ISSUE DATE:SERIAL NUMBER: 09467762  
PATENT NUMBER:FILING DATE: 12/20/1999  
ISSUE DATE:SERIAL NUMBER: 09523553  
PATENT NUMBER:FILING DATE: 03/10/2000  
ISSUE DATE:SERIAL NUMBER: 09526215  
PATENT NUMBER:FILING DATE: 03/15/2000  
ISSUE DATE:SERIAL NUMBER: 09610437  
PATENT NUMBER:FILING DATE: 07/03/2000  
ISSUE DATE:SERIAL NUMBER: 07602364  
PATENT NUMBER: 5119229FILING DATE: 10/22/1990  
ISSUE DATE: 06/02/1992SERIAL NUMBER: 07553246  
PATENT NUMBER: 5087108FILING DATE: 07/13/1990  
ISSUE DATE: 02/11/1992SERIAL NUMBER: 07891680  
PATENT NUMBER: 5245467FILING DATE: 05/28/1992  
ISSUE DATE: 09/14/1993SERIAL NUMBER: 08156880  
PATENT NUMBER: 5638204FILING DATE: 11/23/1993  
ISSUE DATE: 06/10/1997SERIAL NUMBER: 07954468  
PATENT NUMBER: 5218665FILING DATE: 09/30/1992  
ISSUE DATE: 06/08/1993SERIAL NUMBER: 07642221  
PATENT NUMBER: 5161050FILING DATE: 01/16/1991  
ISSUE DATE: 11/03/1992SERIAL NUMBER: 08154957  
PATENT NUMBER: 5491581FILING DATE: 11/19/1993  
ISSUE DATE: 02/13/1996SERIAL NUMBER: 08792711  
PATENT NUMBER: 5808787FILING DATE: 01/29/1997  
ISSUE DATE: 09/15/1998RECEIVED  
APR 16 2002  
TECHNOLOGY CENTER 2800

SERIAL NUMBER: 08788457  
PATENT NUMBER: 5748364

FILING DATE: 01/29/1997  
ISSUE DATE: 05/05/1998

SERIAL NUMBER: 08625367  
PATENT NUMBER: 5781669

FILING DATE: 04/01/1996  
ISSUE DATE: 07/14/1998

SERIAL NUMBER: 08672573  
PATENT NUMBER: 5677786

FILING DATE: 06/28/1996  
ISSUE DATE: 10/14/1997

SERIAL NUMBER: 08679731  
PATENT NUMBER: 5796882

FILING DATE: 07/12/1996  
ISSUE DATE: 08/18/1998

SERIAL NUMBER: 08722419  
PATENT NUMBER: 5748810

FILING DATE: 10/01/1996  
ISSUE DATE: 05/05/1998

SERIAL NUMBER: 08760735  
PATENT NUMBER: 5796764

FILING DATE: 12/05/1996  
ISSUE DATE: 08/18/1998

SERIAL NUMBER: 08744792  
PATENT NUMBER: 5850492

FILING DATE: 11/06/1996  
ISSUE DATE: 12/15/1998

SERIAL NUMBER: 08794739  
PATENT NUMBER: 5850491

FILING DATE: 02/03/1997  
ISSUE DATE: 12/15/1998

SERIAL NUMBER: 08808043  
PATENT NUMBER: 5818980

FILING DATE: 03/04/1997  
ISSUE DATE: 10/06/1998

SERIAL NUMBER: 08094199  
PATENT NUMBER: 5473722

FILING DATE: 07/28/1993  
ISSUE DATE: 12/05/1995

SERIAL NUMBER: 09030212  
PATENT NUMBER: 5999667

FILING DATE: 02/25/1998  
ISSUE DATE: 12/07/1999

SERIAL NUMBER: 09096567  
PATENT NUMBER: 6167170

FILING DATE: 06/12/1998  
ISSUE DATE: 12/26/2000

SERIAL NUMBER: 09493036  
PATENT NUMBER: 6195476

FILING DATE: 01/28/2000  
ISSUE DATE: 02/27/2001

SERIAL NUMBER: 09128934  
PATENT NUMBER: 6064787

FILING DATE: 08/05/1998  
ISSUE DATE: 05/16/2000

SERIAL NUMBER: 09138361  
PATENT NUMBER: 6181466

FILING DATE: 08/21/1998  
ISSUE DATE: 01/30/2001

SERIAL NUMBER: 09505880  
PATENT NUMBER: 6243505

FILING DATE: 02/17/2000  
ISSUE DATE: 06/05/2001

MARGARET LASALLE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

To the Honorable Commissioner of Patents  
Please record the attached original

PTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):  
Pirelli Cavi e Sistemi S.p.A.

101921331

Name and address of receiving party(ies):

Name: Optical Technologies Italia S.p.A.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address:

3. Nature of conveyance:

Street Address: Viale Sarca 222, 20126 Milano, Italy

☒ Assignment ☐ Merger

City:

☐ Security Agreement ☐ Change of Name

State:

Zip Code:

☐ Other:

Additional name(s) &amp; Address(es) attached?

Execution Date: August 29, 2001

☐ Yes☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s):

14 applications - see attached list  
(APPENDIX A)

B. Patent Number(s):

24 patents - see attached list  
(APPENDIX B)

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ernest F. Chapman

6. Total number of applications and registrations involved:  
38

7. Total fee (37 CFR 3.41): \$1520.00

☒ Enclosed (Please charge deficiency to deposit account)☐ Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT &amp; DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

19/10/2001 DBYRHE 00000250 08018090

01 FC:581

1520.00 0

Ernest F. Chapman

Signature

September 6, 2001

Date

Total number of pages including cover sheet, attachments and documents: 15

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SEP 16 2001  
TECHNOLOGY CENTER 21

## ASSIGNMENT

WHEREAS, Pirelli Cavi e Sistemi S.p.A., hereinafter referred to as "ASSIGNOR," a corporation of Italy, whose post office address is Viale Sarca 222, 20126 Milano, Italy, is the sole and exclusive owner, by assignment, of the United States Patent Applications and United States Letters Patents and the inventions described and claimed therein as listed on the attached APPENDIX A and APPENDIX B;

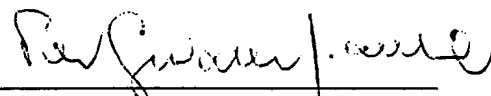
and

WHEREAS, Optical Technologies Italia S.p.A., hereinafter referred to as "ASSIGNEE," a corporation of Italy, whose post office address is Viale Sarca 222, 20126 Milano, Italy, is desirous of acquiring the entire right, title and interest in, to and under said United States Patent Applications and United States Letters Patents and the inventions covered thereby;

NOW THEREFORE, be it know that, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, Assignor, has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, its entire right, title, and interest in and to the inventions and these United States Patent Applications and United States Letters Patents, and any divisionals, continuations or reissues thereof.

IN TESTIMONY WHEREOF, Pirelli Cavi e Sistemi S.p.A. has caused these presents to be signed by its duly authorized officer.

Signature:



Typed Name:

Pier Giovanni Giannesi  
Director of the Industrial Property  
Department of Pirelli S.p.A.

Title:

Date:

August 29, 2001



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APPENDIX A

APPLICATIONS FROM PIRELLI CAVI E SISTEMI S.P.A. TO  
OPTICAL TECHNOLOGIES ITALIA S.P.A. (PCSI TO OTI)

<u>No. of Appln.</u>	<u>Appln. Number</u>	<u>Attorney Docket No.</u>	<u>Ref. Number</u>
1	08/018,090		P610
2	09/324,770	5573.0161-01	P610
3	09/612,596	8256.0143	PC739
4	09/219,421	8256.0068	PC745
5	09/283,691	8256.0081	PC749
6	09/324,768	8256.0087	PC754
7	09/324,769	5788.0088	PC755
8	09/400,275	5788.0096	PC769
9	09/406,922	8256.0103	PC771
10	09/465,798	8256.0113	PC781
11	09/467,762	8256.0115	PC783
12	09/523,553	8256.0127	PC800
13	09/526,215	8256.0129	PC801
14	09/610,437	5788.0145	PC813



**APPENDIX B****PATENTS FROM PIRELLI CAVI E SISTEMI S.P.A. TO  
OPTICAL TECHNOLOGIES ITALIA S.P.A. (PCSI TO OTI)**

<b><u>No. of Patents</u></b>	<b><u>Patent Number</u></b>	<b><u>Attorney Docket No.</u></b>	<b><u>Ref. Number</u></b>
1	5,119,229		P600
2	5,087,108		P610
3	5,245,467	5788.0008	P601
4	5,638,204	5788.0008	P607
5	5,218,665		P609
6	5,161,050		P611
7	5,491,581		PC642
8	5,808,787	5788.0003-02	PC651
9	5,748,364	5788.0003-01	PC651
10	5,781,669		PC666
11	5,677,786		PC670
12	5,796,882		PC673
13	5,748,810		PC676
14	5,796,764		PC682
15	5,850,492		PC688
16	5,850,491	5788.0012	PC690
17	5,818,980	5788.0013	PC691
18	5,473,722		PCSOH01
19	5,999,667	8256.0032	PC707
20	6,167,170	5999.0040	PC713
21	6,195,476	5788.0123	PC725
22	6,064,787		PC731
23	6,181,466	8256.0054	PC732
24	6,243,505	8256.0126	PC730



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N. 29452 DI REPERTORIO

N. 2988 DI RACCOLTA

### PROCURE

La **PIRELLI CAVI E SISTEMI S.p.A.**, con sede in Milano, Viale Sarca n. 222, capitale versato Lire 351.334.570.000, iscritta al Registro delle Imprese di Milano n. 197367 Tribunale di Milano, codice fiscale n. 00470500018, in persona dell'ingegner Giuseppe MORCHIO, nato a Rapallo (GE) il 20 novembre 1947, Presidente - Amministratore Delegato e legale rappresentante, domiciliato per la carica in Viale Sarca n. 222, Milano, autorizzato a quanto infra con deliberazione del Consiglio di Amministrazione del 18 aprile 1997, conferisce:

OMISSIS

20121 MILANO - VIA APPIANI, 2 - TEL. 02-6597208 (R. A.) - FAX 02-654339  
20097 S. DONAT MILANESE - VIA MATTEI, 62 - TEL. 02-55602010 (R. A.) - FAX 02-55602113





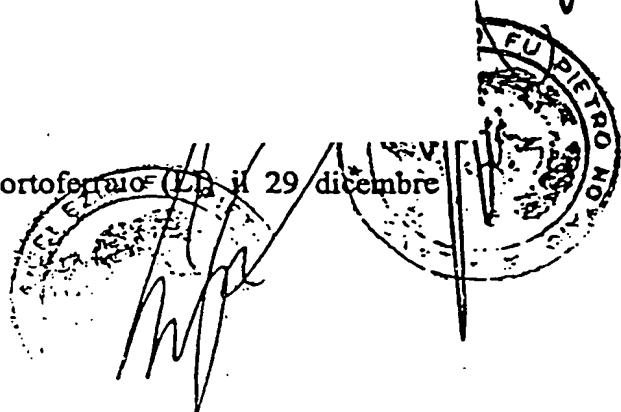
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OMISSIS

*[Handwritten signature]*

*[Handwritten signature]*

(H) al dottor Pier Giovanni GIANINESI, nato a Portoferraio (LI) il 29 dicembre





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1941, domiciliato per la carica a Milano in Viale Sarca n. 222, Codice Fiscale GNN PGV 41T29 G912X, i seguenti poteri da esercitarsi a firma singola:

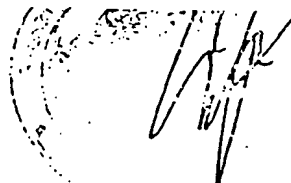
1. rappresentare la Società in tutti i suoi rapporti con le amministrazioni dello Stato e con qualsiasi altra pubblica amministrazione italiana od estera, firmare istanze, reclami e ricorsi nell'ambito dei poteri qui conferiti, adempiere ogni formalità prevista dalle norme di legge, rappresentare la Società avanti i competenti Uffici;
2. compiere presso le Autorità e gli uffici competenti tutte le pratiche, formalità e gli atti occorrenti per conseguire e conservare la protezione dei brevetti, dei modelli, dei disegni e dei marchi con la più ampia facoltà di stendere e firmare qualsiasi atto o documento relativo, presentarlo e farne ritiro, pagarne tasse ed incassarne gli eventuali rimborsi, richiedere certificati e copie autentiche, presentare domande di attestati completivi, modificare e ritirare domande in genere, ritirare gli attestati rilasciati ed i relativi documenti; rappresentare la Società nelle procedure amministrative presso l'Ufficio Centrale dei Brevetti e gli Uffici Brevetti Statali Esteri e sovranazionali, presentare e documentare ricorsi davanti alla Commissione dei ricorsi in materia di brevetti ed agli analoghi Istituti esteri; compiere ogni atto necessario per la tutela di tali diritti, come: registrazioni, trascrizioni e quant'altro, presso Autorità, enti, amministrazioni italiane, estere e sovranazionali; dare incarichi a terzi, nelle forme prescritte dalle leggi italiane o estere e dalle convenzioni internazionali per compiere singoli atti inerenti alle facoltà di cui al presente punto;
3. stipulare con tutte le clausole opportune, modificare, risolvere, cedere ed acquistare per cessione, far terminare per recesso:
  - 3.a contratti per l'acquisto o la cessione, totale o parziale, e contratti di licenza, attivi e passivi, di diritti di proprietà industriale inclusi brevetti di invenzione, marchi, modelli di utilità, modelli ornamentali (disegni), copyright,

- 3.b contratti per l'acquisto, la cessione o la licenza d'uso, attiva e passiva, di know-how ed in genere contratti di servizi e prestazioni di assistenza tecnica;
4. compiere presso gli Uffici Doganali, presso la Ferrovie dello Stato Società di Trasporti e Servizi per Azioni, presso le imprese di trasporto in genere e l'Ente Poste Italiane, qualsiasi operazione di spedizione, svincolo e ritiro di merci, valori, plichi, pacchi e lettere anche raccomandate ed assicurate;
5. stipulare clausole compromissorie con le quali deferire ogni eventuale controversia inerente ai poteri qui conferiti ad arbitri rituali ed irrituali;
6. rappresentare la Società in giudizio ed in arbitrato per le materie inerenti ai poteri qui conferiti.

Nell'esercizio dei poteri ad esso conferiti l'anzidetto Procuratore firmerà sotto la denominazione sociale come segue "PIRELLI CAVI E SISTEMI S.p.A. - Un Procuratore" e farà apporre a macchina o con un timbro, dopo la firma, il proprio nome e cognome.

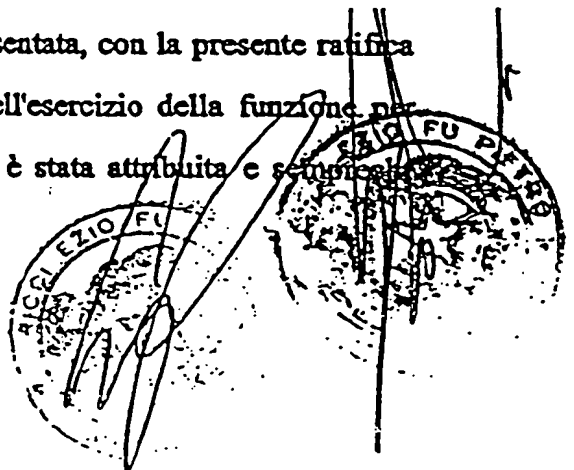
La PIRELLI CAVI E SISTEMI S.p.A., come sopra rappresentata, con la presente revoca i poteri conferiti al dottor Pier Giovanni GIANNESI con procura in autentica dottor Riccardo Ferrario, Notaio in Milano, in data 8 giugno 1990 a rep. n. 87457/12983.

OMISSIS



OMISSIS

**La PIRELLI CAVI E SISTEMI SpA, come sopra rappresentata, con la presente ratifica quanto compiuto dai nominati Direttori e Procuratori nell'esercizio della funzione per ciascuno sopra descritta dal momento in cui a ciascuno è stata attribuita e s'innescia nell'ambito dei poteri elencati nel presente atto.**





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La presente scrittura sarà conservata permanentemente negli atti del notaio che ne autenticcherà la firma.

N. 29452 Repertorio

N. 2988 di raccolta

**AUTENTICA DI SOTTOSCRIZIONE**

Certifico io sottoscritto Dott. Ezio Ricci Notaio residente in Milano ed iscritto al Collegio Notarile di Milano, che senza l'assistenza dei testimoni per espressa rinuncia fattane dalla parte con il mio consenso l'Ing.:

GIUSEPPE MORCHIO, nato a Rapallo (Genova), il giorno 20 novembre 1947, domiciliato per la carica in Milano, Viale Sarca n. 222, nella sua qualità di Presidente del Consiglio di Amministrazione e Amministratore delegato della:

**<PIRELLI CAVI E SISTEMI S.P.A.>**

con sede in Milano, Viale Sarca n. 222, codice fiscale 00470500018, partita IVA 05930650154, capitale sociale lire 351.334.570.000, iscritta presso il Registro delle Imprese del Tribunale di Milano al n. 197367, e presso il Repertorio Economico Amministrativo di Milano al n. 576645, munito degli occorrenti poteri in virtù della deliberazione del Consiglio di Amministrazione in data 18 aprile 1997; della cui identità personale e qualifica io Notaio sono certo ha apposto in mia presenza la sua firma su tutti i fogli della presente scrittura, che aderendo alla richiesta della parte trattengo nei miei atti.

Milano, Via Andrea Appiani n. 2, 22 (ventidue) giugno 1999  
(mil enovecentonovantanove)



19/0099-1648

offices;

2. Take all steps and carry out all deeds and formalities with the Authorities and competent offices, which are necessary to achieve and conserve protection of patents, models, designs and trademarks with the widest powers to draw up and sign any relative deed or paper, file and withdraw same, pay dues and collect any reimbursements thereon, request certificates and certified copies, file applications for completing attestations, change and postpone applications in general, collect attestations issued and the relative papers; represent the company in administrative proceedings at the Central Patent Office and foreign and supranational State Patent Offices, file and document petitions before the Commission for Petitions in patent matters and similar foreign Institutes; perform any deed necessary for the safeguarding of said rights such as: registrations, transcriptions and any other necessary acts with Italian, foreign and supranational authorities, institutions and administrations; give appointments to third parties, in the forms prescribed by Italian or foreign laws and by international conventions to carry out single deeds relating to the powers described in the present paragraph;
3. stipulate, with all opportune clauses, modify, rescind, assign and purchase by conveyance, cause to terminate through withdrawal:
  - 3a. contracts for the purchase or sale, either total or partial, and licensing agreements, both payable and receivable, of industrial property rights including patent letters, trademarks, utility models, ornamental models (designs), copyrights;



- 3b. contracts for the purchase, sale or licence for use, both payable and receivable, of know-how and generally of contracts for services and technical assistance;
4. Perform any forwarding, clearance and collection transactions on goods, valuables, parcels, packets and letters, including registered and insured ones, at customs offices, the state railways "Ferrovie dello Stato Società di Trasporti e Servizi per Azioni", haulage firms in general and the administrations of the Post and Telegraph offices;
  5. stipulate arbitration clauses with which to refer any controversies relating to the powers granted herein to ritual and non ritual arbitrators;
  6. represent the Company in court and in arbitration for any matters related to the powers granted herein.

Whilst exercising the powers granted to him the aforesaid Attorney must sign under the following corporate name "PIRELLI CAVI E SISTEMI S.p.A. – An Attorney" and must have his own name and surname affixed after his signature either by means of a rubber stamp or by typewriter.

The company PIRELLI CAVI E SISTEMI S.p.A., represented as set out hereinabove, hereby revokes the powers granted to Mr Pier Giovanni GIANNESI with power of attorney authenticated by Dr. Riccardo Ferrario, Notary in Milan, on 8 June 1990, index no. 87457/12983.

O M I S S I S

PIRELLI CAVI E SISTEMI SpA, represented as set out hereinabove, hereby ratifies the actions and deeds of the appointed Managers and Attorneys in the exercise of their office as described hereinabove for each one of them, as from the time in which same was appointed and always within the framework of the powers listed in the present deed.

The present instrument shall be permanently kept in the files of the Notary who authenticates the signature thereon.

(Illegible signature)

Index no. 29452

File no. 2988

#### AUTHENTICATION OF SIGNATURE

I the undersigned, Dr. Ezio Ricci, a Notary residing in Milan, and enrolled in the Milan College of Notaries, do attest that without the assistance of witnesses following specific waiver thereof by the party with my consent, the following gentleman;

GIUSEPPE MORCHIO, born at Rapallo (Genoa) on the 20 November 1947, domiciled for the purposes of his office in Milan, at Viale Sarca no. 222, in his capacity as Chairman of the Board of Directors and Managing Director of

"PIRELLI CAVI E SISTEMI S.P.A.",

with its head office in Milan, at Viale Sarca no. 222, Inland Revenue code 00470500018, VAT code 05930650154, a share capital of Lire 351,334,570,000, registered in the Companies Register in the Milan Law Courts under no. 197367, and at the Economic Administrative Repertory (R.E.A.) of Milan under no. 576645,

having been provided with the necessary powers by virtue of a resolution passed by the Board of Directors on the 18 April 1997;

of whose personal identity and capacity I the Notary am certain, has affixed his signature in my presence to all the pages of this instrument, which I, complying with the request of the party, shall keep in my files.

Milan, Via Andrea Appiani no. 2, this 22 twenty second June 1999 one thousand nine hundred and ninety nine.

Signature and stamp of Notary Ezio Ricci, son of the late Pietro, Notary in Milan.